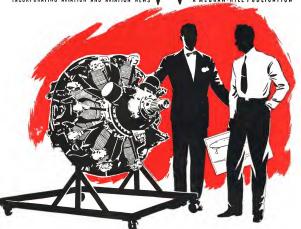
AVIATION SEPT. 15, 1947
WEEK



## INTRODUCING A NEW TWIN WASP

To meet the need for an engine in the 1650 horsepower class that is as rugged and dependable as its famous predecessors, Pratt & Whitney Aircraft introduces the new R-2180.

Built into this engine are many of the proved features of the more powerful Wasp Major and Double Wasp engines, plus numerous design improvements contributing to economy of operation and new ease of maintenance.

## PRATT & WHITNEY AIRCRAFT

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formed or machined with ordinary cools Micaria "444" has proved supenor to the manuful previously used because, Let –it effects a

are more easily inserted to the wing structure; and sed—is has less shoure action on the guardian hap.

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## Titeflex Ignition Shielding

A Principal Factor in Safe Flying . . .

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FILE-FIG. IONIDON SHELD-ING developed for all reports

successivity elements nodic interference could by the spilling systems and countery electrod wiring. Proper shallong courses dear communications and thereby contributes substantially to safe forms despits orders weather

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VIATION WEEK

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THE AVIATION WEEK

SOARD OVER BARREL-Even before the war, at the correction of certificated loses at the processed BUCKING THE BALANGE SHEET-At the not

service and caspo. Deserte the tremendees deliculties encognized to date in developer those two fields. CAB has the real problems, two touches that ment excess certification of any more feeder lines. Assorber

so many trapport problem these days, is Charriers Good Lakes Ages decision. No new base was certificated for Ohio, as was sought by several analysists. CAR tool care of Ohio service by giving TWA additional street in the state. Entire throny of local service against has been that truck corners were not interested in law traffic generating stops, could not serve there as eff-

been out thort. Both Les and Quantil Ryan nucluith Lands has made no secret of his belief that the number of axions should be reduced by menters. This Should that philosophy extend down to local service

lines, the days of feeder consusion are over-CUT-RATE CARGO-A concept circle webben 12 cent perton wile consuedity rate proposed by Cara

Not cells at this rate as low as that of the uncertificated said opentional manager of the certificated lines. It is taken for greated that other lines will follow Cavital. AA and UAL in drapping the rates. And again Lands. is in the mobile. He has envisored large-scale alr-

be unnoughle for uncertificated curpo eleriers to best AVIATION WEEK, Sentember 15, 1947.

reconstruction also, for a loss, with a substantial angel

CAA was charged with disfung mgalations which CAN's safety beaute would exembte and out with effect. Only one prediction has been dufted. This regulation—on temperature accountability—was to go

Terrographic accountability is only one part of the district. Studying balance sheets and performance data STUNDED GROWTHS. Exercises of local position contributed of that T catamer and still make retree-

PILOTS AND PLANES. The rulets, primarily con-

The DC-3 will not most the column T enterpy pro-Merculaic, the offets weater why it is countered rate Actually, many pirting plats sight now prefer to fly the DC3 to never functions about. The reason "We

Pilots well concede they do not yet know all the tensity to get accuminged with the most powerful corrected place Doorles has built. Check-out time ss coast to-coast, there will be only one or two landings. Under those circumstances, enables are estimate both Economics are furnise the atrition to not into service

To get periods order the T category, the planes creat depend on new devices. Plant are marries of safety not hurma, shibts. They wonder,

# NEWS DIGEST



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Hamilton Standard Peopelium, like the one shown above, across to the reliability of Nickel elloy seeds Planting through the six at speeds of faces face to

nine miles per musus, encted table nigh reportiers must withoused not only high contributed attenues, at both accord and sub-zoro temperatures, but olso high sic loads and high vibratury speace. Furthermore the blade material should be highly resistant to fatirue stresses and in emgina by water rinders

To source there important qualities the engineers em-molebdenum steel. This aged personds readily greensh of 135,000 a.s.i. are made of a direct bardoune Nickelahmeturnmolybdenum meel. Strengary cares and near sepstrong, much cores When you need seed with extra qualities, think of Nirkel alloyed seeds. Send us details of your peob-



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SEPTEMBER 15, 1947 ORPORATING AVIATION AND AVIATION NEW





## AAF Unveils New XP-87 Fighter

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AVIATION WEEK, Statember 15, 2540



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LANDIS AND PILOTS INSPECT MARTIN 30

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### Safety Board, Airlines Wrestle 'Unseen Passenger' Problem

Presidential group and ICAO delegation disagree on temperature accountability as CAB postpones exsergency regulation at sirlines request.

PICAD Distriction-Manufalls for U.S. PShare December ATA and ALPA

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### Miami Air Baces Scheduled For January

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### New 'Conter Uses Tested in California

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Racing Pilots Ask For New Rule Changes

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AVIATION CALENDAR

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INDUSTRY OBSERVER ➤ AAF is considering an order for 15 Northeap Pieserers, tell motor tressport, for not at ATC more along to the Arrhy. Another order in: 40 Propert from TACA house on CAR. ▶ Official much number releasations for the Navy's two scored-bending runs on the Douglas

► McDownell Appends Co. now has a besides of about \$16,000,000, branch suitemer hast Decelor. The Baselos II now descripted the XFDB I

► Cound tota on Book's model 34 horletteer tymogent have been deleved because of difficulty in obtaining enginer. Beech place to make note soft both Lycening and Divis-P. Ford Comm model 170, four place, high-want, all motel personal place, is expected to be

➤ Raydou Bloc have accord a CAA approved type certificate for those western developed in South Greecouse Co. Into obsterd spendidly production on an act were electronic rendring for proved power phase, which haster and analyses capus troubles during flight

► Navy intenet in technology units a secretary as evidenced by sex. Survey of Association General Floring TG-100 and for Run XFIE-1 fluit tests. New New techniques con-Respect the have AAF development contracts for technology such to Second Santhard Components in new manner countries. It is home fitted not with

is book has about a contract for the delayer of these model ID-165 twin spring light soft the thad equipped at a special high-affitteds photographic plane. Beach also delivered

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### FINANCIAL

## EFFECT OF TAX CARRYRACK CREDITS (For us meetle ended from 30, 1997)

Tax Carryback Credits Are Aids

To Many Aircraft Manufacturers Defects are smaller; profits have been converted from

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### ENGINEERING & PRODUCTION

### Atlas Corp. Acquires Control Of Convair: Howard Key Figure

Avon Manufacturing Corp. relinquishes Aviation heldinco in deal with Odlum firm: observers expect new board will be closer attuped to aviation.

Sweeping executive changes are in year increment of wheat \$4,000,000 in each, Foth boards of directors have already on, at a special succting Nov. 1, appeared henry Balwark and Henry Woodbank. Contract Selb Submission—Course will

Filewood Key Faren-Key Space in the two shares in the new corporation which Corum has autombur generalmetels 1,570,000 skeper. If all persons stockholddent. Other personally will take ever + Stack Holdings-Area came about 400,

Lightplane Figures Revised

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Sourced holding company to seather. As

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# Another step towards

greater airline safety he new Kollaman Altimeter Sertino Indicator for airway control stations provides a direct, continuous, accurate indication of the alciment setting for broadcast to the aircraft. By elanimating potential sources of error and delay present in existing methods, the Aleimeter Settman

### ledicator offers another sero towards proper sirline safety. By us, recoper accuracy is also makes possible more accurate indication by the altimeters in the aircraft - an important consideration in steps towards all-weather flight. KOLLSMAN RIACRAFT INSTRUMENTS



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## New Channel Wing Nears Flight

Higher efficiency attained ofter tunnel tests are evalu-

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### Research Review

### Stall-Resistant Craft Seen Through New Design Data

Principles outlined for stall-proofing lightphases; NACA studying two-control system possibilities,

Present signals accelests resulting from . moduled by the elector since it is about through the use of design data convertly. The mobiless is substantially needled, or

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A PLANTED RED. Long Beach, California, working with the engineers

ALSO PERSONNER THESE Performs now evolution a new stabilizer that new mets the use in a wide variety of colored articles where delicate colors are defined . . . and where discoloration of the rubber part or materials in

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### Searching Drag Studies Check Speed Impeders Five exhaust-stack installations are analyzed in this picture-and-caption presentation



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exhaut stacks. Colesfetous indicate that was use of aptananday by 0,000 on the plane. Recommendation is that use of throughpt states of this type and that shows at left should be produced because of laws from their AC0.00010 AV 6mgh



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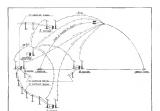
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YOU DON'T REALLY THINK SHE'D GIVE ME THE SLID! keen plants voughfully tree. You'll find them at apports and refinebase shops the country over or water Japanchemical Corporation, Finalics Devi-Interchem Engineered by MURPHY-ROXALIN AVIATION WEEK, September 15, 1947

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### Reveal Doppler Tracking For Guided Missiles

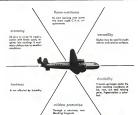
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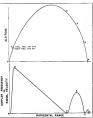


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SAVING "HOWDY!" TO A BELLANCA CRIIISAIR Yes, sir! Your head and your heart's in the as the reliabel as you. The resistant of Phillips and hideocupts that give real performance and real satisfaction. We know that you want quality . . . and that's how it should be! performance . . . these are past some of the goodine gives you. It's a delight to listed as any of the Mid-West or fields and "took-Averton Department Phillips Petrologic

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## 3 AVIATION WORLD NEWS & African Carrier



Shap of Miles Incipry pariets with Genera, present transports. These physical

International Currency Needed Says South Atlantic

ICAO Conference New seatern would eliminate respectuely looses by travellers.

Hard Destendable of Perspels Report Czechis Receive Planes

The Conference did not deal with tendly

From Great Britain FORTION-Three Select smokess total-

Expands Fleet

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S. A. Streets abound a rests lac final

FOR BAILOUT SAFETY who tested the dense at \$15 mph , dearen-stants at operation. Protective services from plane. Sent fulls many shortly other desire shar (World Wife shots)

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## **AVIATION SALES & SERVICE**



### **Expanded Teterboro Airport** Offers Major Base Services

Fred L. Wehran's ambitious reconstruction programs puts field in competition with metropolitan terminals; non-rheduled plane movements exceed 1,000 per day. By ALBERT E. SHYSER, IR.

A \$2,090,000 separation programs in max. invalidity for three additional 7,000 ft; prefield appeared for might flying in 1946. ► Treffic General - Early as 1940 a created TO TRAIN DISABLED VEIS

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